

Investigation of the Effect of the Solvent on the
Position of the Tautomeric Equilibrium in the
Arylthiocarbazone Series, by P. S. Pel'kis, R. G.
Dubenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 11
1958, pp 320-.

Consultants Bureau

Sci - Chem

Jun 59

88, 776

Synthesis of Esters and Other Derivatives of
Carboxylic Acids Under Conditions of Acid
Catalysis From Carbon Monoxide, Olefins and
Acylating Compounds, by Ya. T. Eidus, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 1958,
pp 323-325.

Consultants Bureau

Assoc Tech Serv RJ-1391

" " 25K25R

Sci - Chem

Apr 59

85,281

The Adsorptive Properties of Aluminosilicate Catalysts and Their Dependence on Composition, by M. M. Egorov, Yu. A. Zarifyants, V. F. Kiselev, K. G. Krasil'nikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 1958, pp 326-329.

Consultants Bureau

Sci - Chem

22/6/59

89,993

The Luminescence Spectra of the Coordination Compounds
of Uranyl Nitrate, by G. I. Kobyshev, D. N. Suglobov,
4 pp.

SSSR

RUSSIAN; per, Dok Ak Nauk, Vol CIX, No 2, 1958
pp 330-332.

Consultants Bureau

Sci - Chem

22/6/59

89,994

The Catalytic Properties of Calcium Oxide, by O. V.
Krylov, E. A. Tokina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. ^{XX}CXX, No 2, 1958,
pp 333-336.

5

Consultants Bureau

Sci - Chem

22/6/59

90,023ⁱ

The Reactions of Free Radicals in Solution. The Interaction of Free Radicals with Internal and External Double Bonds, by E. B. Milovskaya, D. L. Brusilovskiy. B.A. Dolgoplosk, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 2, 1958, pp 336-338.

Consultants Bureau

Sci - Chem

22/6/59

90,024

The Mechanics of Polymer Molecules, by G. A. Fetters, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 1950, pp 339-341.

2

Consultants Bureau

Sci - Chem

22/6/59

90,025

The Nature of the Bonds and the Structure of
Space Structured Polybutadiene, by A. S. Koz'minskiy,
A. S. Koz'minskiy, E. A. Pol'shin, 4 pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol 151, No 2, 1970,

343-347

344

5

Consultants Bureau

Sci - Chem

22/6/59

90,026

(2286-D)

Formation of Free Radicals and Atoms During
Radiolysis of Hydrocarbons at a Temperature of
77° K., by N. Ya. Chernyak, N. N. Bubnov,
V. V. Voyevodskiy, L. S. Polak, Yu. D. Tevetkov,
5 pp. ~~1958~~

RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol 120,
No 2, Moscow, 1958, pp 346-348.

US JPRS L-1455-D

Sci - Chemistry
Feb 59

2TS 59-11862 81,045

The Influence of the Salts of a Series of Lower Fatty
Acids on Emulsion Polymerization, by A. I. Yurzhenko,
S. S. Ivanchov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 1958,
pp 349-.

Consultants Bureau

Sci - Chem

22/6/59

89,995

The Clarke of Selenium in Some Rocks of the
USSR, by N. D. Sindeyeva, N. Z. Kurbanova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 353-.

Consultants Bureau

Sci - Geophys

Jun 59

88,618

A Crystalline Protease from the Seeds of Phaseolus
aureus Roub, by A. V. Blagoveshchenskiy, 3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1,
1958, pp 356-358 2

Amer Inst of Biol Sci

Sci - Biology, Chem

Feb 59

80,758

The Effect of Temperature on the Rate of Splitting
Procollagen by Collagenase, O. V. Kazakova, V. N.
Orekhovich, V. O. Shpikiter, 2 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No ² 1, 1958,
pp 359-360

Amer Inst of Biol Sci

Sci - Biology, Chem

Feb 59

80,757

The Ability of Deoxyribonucleic Acid to Stimulate
Oxidative Phosphorylation after Irradiation by
A. M. ^KBuzin, E. V. Badilova, J. SP

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No ^X 1, 1958, pp 361-363

Amer Inst of Biol Sci

Sci - Biology, Chem

Feb 59

80,759

Transformations of Nodamine in Rat Kidney Tissue by S.
E. Severin, Wu Wei-Min, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 1958,
pp 364-367

Amer Inst of Biol Sci

Sci - Biology, Chem

Feb 59

80,760

A Study of the Most Important Proteins in Bacteria
by D. T. Tachiev, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 1958,
pp 368-371

Amer Inst of Biol Sci

Sci - Biology, Chem

Feb 59

80,762

The Problem of the Phase Composition of the Hydration Products of C_3S and $B-C_2S$, by T. M. Berkovich, D. M. Kheiker, O. I. Gracheva, N. I. Kupreyeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No $\frac{2}{1}$, 1958, pp 372-375.

Consultants Bureau

Sci - Chem

SLA 59-15707

Jun 59

88, 677

The Use of the Chromatographic Method for
Investigation Fractions of Peat Tars, by
N. F. Budyak, N. M. Karavayev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 376, 377.

Consultants Bureau

Sci - Chem

Jun 59

88, 679

The Investigation of Diffusion in the System
Tricalcium Phosphate -- Calcium Oxide -- Carbon
by Means of the Radioactive Isotopes Cl^{36} , Ca^{45}
and P^{32} , by N. N. Postnikov, A. D. Mikhailin,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR SSSR, Vol CXX,
No 2, 1958, ~~378~~ pp 378-.

Consultants Bureau

Sci - Chem

Jun 59

88, 678

Ordovician Rocks in Eastern Pamir, by M. S. Dyufur,
4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 381-383,

Consultants Bureau

Sci - Geophys

96,573

Laumontite From the Cretaceous Rocks in the Lena
Coal Basin, by A. S. Zaporozhets, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 2,
1958, pp 384-386.

Consultants Bureau

Sci - Geophys

96,574

Ijolites in the Saisha and Gulkhen Plutons of
Alkalic and Basic Rocks (Vitim Plateau), by A. A.
Konev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 387-389.

Consultants Bureau

Sci - Geophys

96,575

New Traces of Volcanic Activity in the Devonian
of the Volga-Ural Region, by N. A. Mikhailov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 390-392.

Consultants Bureau

Sci - Geophys

96,576

The Anokhino Tectonic Depression--A New Occurrence
of Jurassic and Triassic Rocks in the Trans-Ural
Area, by V. I. Tushikova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 393-396.

Consultants Bureau

Sci - Geophys

96,577

The Akchagyl Deposits of Mangyshlak, by A. G.
Eberzin, Yu. M. Kleiner, 4 pp.

RUSSIAN, per, Dok z Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 397-400.

Consultants Bureau

Sci - Geophys

96,578

The Role of Pressure During Mineral Growth in
Quartz-Wolframite Veins, by V. F. Barabanov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 400-.

Consultants Bureau

Sci - Geophys

96,602

The Lower Cambrian Foraminifera of
Tuva, by A. G. Vologdin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX,
No 2, 1958, pp 405-408.

ATS-66M40R
ATJ-RJ-2362

Sci
Vol IV, No 2
Mar 62

189,297

Pyroninophilic Nuclei as an Index of the State of
Desoxyribonucleic Acid, by V. G. Konarev, S. Z.
Zakirov, T. N. Elsakova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~1958~~ CIX,
No 2, 1958, pp 409-411.

Amer Inst of Biol Sci

Sci - Med

96,967

Polysaccharide Changes During Gametogenesis,
Fertilization and Cleavage in *Parascaris*
Equorum, by P. V. Makarov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 412-.

Amer' Inst of Biol Sci

Sci - Med

96,968

The Survival of Anchovy Larvae in the Northwest and
Certain Other Regions of the Black Sea in 1954-1955
in Relation to Food Conditions, by R. M. Pavlovskaya,
3 pp.

RUSSIAN, per, Dok Ak Nauk, SSSR, Vol CXX, No 2,
1958, pp 415-.

Amer Inst of Biol Sci

Sci - Med

96,974

The Life Cycle of *Mesocyclops leuckarti* Claus,
(Copepoda, Cyclopoida), by A. V. Monakov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CKX, No 2,
1958, pp 419-421.

Amer Inst of Biol Sci

Sci - Med

97,010

Some Data on the Reproduction of Tubificids, by
T. L. Poddubnaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 2,
1958, pp 422--.

Amer Inst of Biol Sci

Sci - Med

97,011

The Effect of Infection with Gothic Disease on
the Amino Acid Content of Potato Tubers, by
B. I. Bershteyn, M. K. Pomyuk, A. S. Okanenko,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 425-428.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,042

An Investigation of the Effect of Neutrons on
Dry Seeds of Diploid and Tetraploid Winter Rye,
by L. P. Breslavets, Z. F. Milesenko, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 429-430.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92, 043

The Effect of 2,4-Dinitrophenol on Water
Absorption by Maize Roots, by G. M. Grinsva,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 431-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,044

Spatial Relations Between Trunk Limbs and Accessory
Limbs Developing Under Natural Conditions, by A. I. A
Voitkevich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 434-.

Amer Inst of Biol Sci

Sci - Med

96,981

Observations on Ova in Sable Ovaries, by Yu. B.
Bayevskiy, D. K. Belyayev, L. G. Utkin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 2,
1958, pp 439-.

Amer Inst of Biol Sci

Sci - Med

96,976

On Media Describing One-Dimensional Regions With
Uniform Deformations, by A. G. Bilikovskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk USSR, Vol CXX, No 3,
1958, pp 485, 486.

Morris D. Friedman K-182
\$2.00

Sci - Physics
Mar 59

Handwritten:
Sci - Physics
Mar 59
84,411

84,411

Variable Number of Relaxators, by N. P. Bogoroditskiy,
Yu. M. Volokobinskiy, I. D. Frisberg, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 487-490.

Amer Inst of Phys
Sov Phys - Doklady
Vol XII, No 3

Sci - Phys

Jul 59

92,100

Peculiarities of the Motion of Fast Current Carriers
in Polar Crystals, by Yu. I. Gorlaun, K. B. Tolpygo,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 491-494.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,101

On the Existence of a Most Probable Size of
Barkhausen Discontinuities, by V. F. Ivlev,
V. M. Rudyak, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 495-496.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,102

On the Conditions for the Existence of Stigmatic
Imaging in Electron-Optical Systems with Curvi-
linear Axes, by P. P. Kasyankov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 497-500.

Amer Inst of Phys
Sov Phys - Doklady
Vol XXI, No 3

Sci - Phys

Jul 59

92,103

Dispersion Relations for Reactions with a Variable
Number of Particles, by A. A. Logunov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 501-503.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,096

Local Reflection in Waveguides of Variable Cross
Section, by V. Pokrovskiy, F. Ulinich, S. Savvinykh,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXK, No 3,
1958, pp 504-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,097

Adaptation for Movement and the Turning Ability
of Fish, by Yu. G. Aleyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 510-513.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,079

The Effect of Fractionated X-ray Dosage on Mouse
Ovaries, by O. N. Kitayeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 514-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,072

Distortion of the Crystal Structure of Copper
and Its Solid Solutions on Deformation, by
L. N. Guseva, A. A. Babareko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 3,
1958, pp 518-520.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,086

Polygonization of Cast Metals and Alloys, by
B. A. Movchan, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 521-.

Amer Inst: of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,087

C-H Distance in the Crystal Structure of Paraffins,
by B. K. Vaynshteyn², A. N. Lobachev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 3,
1958, pp 523-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,117

Electronographic Investigation of the Polymorphism
of Zirconium Dioxide in Thin Films, by I. I.
Korobkov, D. V. Ignatov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 3, 1958,
pp 527-530.

Consultants Bureau

Sci - Chem

Jan 59

88,777

Reaction of Tropylium Salts with Vinyl Ethers
and with β -Chloromercuriacetaldehyde, by
D. B. Harsanov, M. E. Vol'pin, I. S. Akhrem,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~xxx~~ CXI,
No 3, 1958, pp 531-534.

Consultants Bureau

Sci - Chem

Jun 59

88,778

Network Structure of Vulcanizates of Carboxyl-
containing Polymers, by I. Ya. Poddubnyi,
E. G. Krenburg, E. I. Starovoytova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 535-538.

Consultants Bureau

Sci - Chem

Jun 59

88,779

Double Chlorides of Elements of the Cerium Group
with Trimethylamine Chloride, by N. N. Sakhareva,
S. V. Zenzkov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3, 1958,
pp 539-540.

Consultants Bureau

Sci - Chem

Jun 59

88,772

Synthesis of High Molecular Hydrocarbons of Complexed Structure, by S. R. Sergiyenko, Im L. N. Kvirkovskiy, A. L. Tselilina, Al. A. Petrov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, n No 1, 1958, pp 541-543.

Consultants Bureau

Sci - Chem

Jun 59

88, 773

Color Phenomena in Diacyl Derivatives of
p-Aminophenol, by E. A. Smirnov, 4 pp.

RUSSIAN, per, Dok Ak. Nauk SSSR, Vol CXX,
No 3, 1958, pp 544-547.

Consultants Bureau

Sci - Chem

Jun 59

JSIR LLU RTS 1055
88,774

Isomerization of γ - Oxides (Tetrahydrofurans) to
Aliphatic Carbonyl Compounds, by N. I. Shuikin,
I. P. Bel'skiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 548-.

Consultants Bureau

Sci - Chem

Jun 59

88, 775

The Phenomenon of the Formation of Electrode Zones During
the Electrocrystallization of Metals, by V. V. Bondar',
Yu. M. Rogukarov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3, 1958,
pp 552-553.

ATS-RJ-2697
Consulting Bureau
ATS-G/MH/R

Sci - Chem

22/6/59

89,996

The Theory of the Faraday Rectification, by Yu. A.
Vdovin, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3, 1958,
pp 554-557.

Consultants Bureau

Sci - Chem

22/6/59

89,997

On the Mechanism of the Anodic Dissolution of
Magnesium, by B. E. Kabanov, D. V. Kokouline, 7 PP.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, 1958,
pp 558-561.

2000-06-10-2
AEC/MP 153

Sci - Chem

Nov 58

76,461

The Mechanics of Extended Polymer Systems, by G. A.
Patrikeyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3, 1958,
pp 562-565.

4

Consultants Bureau

14.

Sci - Chem

22/6/59

89,998

The Isotope Effect in the Critical Temperature, by
I. B. Rabinovich, V. A. Gorbushenkov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXX, No 3, 1978,
pp 566-569.

Consul/Paris Bureau

Change to into French
CEA-R-R-783

Sci - Chem

22/6/59

89,999

The Determination of the ~~ix~~ Specific Surface and the
Pore Volume of Solid Polymeric Sorbents, by A. A.
Tager, M. V. Tsilipotkina, A. I. Suvorova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3, 1958,
pp 570-.

Consulting Bureau

Sci - Chem

22/6/59

90,000

The Ratio of Even and Odd Rare-Earth Elements in
Various Minerals, by R. L. Barinskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 573-.

Consultants Bureau

Sci - Chem

Jun 59

88,617

Auto-Oxidation of Hydrogenated Reserve Proteins by
M. P. Znamenskaya, L. B. Gorbacheva, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3, 1958,
pp 577-580

Amer Inst of Biol Sci

Sci - Biology, Chem

Feb 59

80,761

The Properties of Photoreduced Forms of Chlorophyll,
Protochlorophyll and Hematoporphyrin in Relation to
Conditions of Acid-Base Equilibrium by A. A. Krasnov-
skiy, E. V. Pakshina, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXX, No 3, 1958,
pp 581-584

Amer Inst of Biol Sci

Sci - Biology, Chem

Feb 59

80,763

The Volatile Acid Content in the Fruit of the Oil-
Bearing Poppy by V. E. Pontovich, L. M. Pinchuk, 3
PP

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1958,
pp 585- . 3

Amer Inst of Biol Sci

Sci - Biology, Chem

Feb 59

80,752

The Electrolytic Precipitation of Lustrous
Precipitates of Tin on Tin Plate from Fused
Electrolytes, by A. I. Vitkin, T. P. Plotnikova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 588-591.

Consultants Bureau

Sci - Chem

Jun 59

88, 680

The Isomorphism of the Compounds $\text{CaO} \cdot \text{Fe}_2\text{O}_3$ and $\text{CaO} \cdot \text{Cr}_2\text{O}_3$, by P. D. Pyatikop, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR], Vol CXX, No 3, 1958, pp 592-594.

Consultants Bureau

Sci - Chem

Jun 59

88,681

The Heats of Combustion and the Structure of
Gas Coal and the Solid Products of its Thermal
Destruction, by S. S. Urazovskiy, V. A. Voloshin,
A. I. Vysotskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, ~~pp 595-598~~ pp 595-598.

~~Chem~~
Consultants Bureau

Sci - Chem

88, 683

Jun 59

The Equilibrium Distribution of Sulfur Between
Metal and Slag in Open-Hearth Furnaces, by L. A.
Shvartsman, A. I. Gaipov, V. F. Surov, M. L. Sazonov,
S. A. Telesov, A. N. Ofengenden, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, ~~pp 599-600~~ pp 599-.

Russian Consultants Bureau

Sci - Chem

Jun 59

88,682

The Fossil Evidence for the Geologic Age of the
Ergani Sands (According to Mammalian Fauna), by
L. I. Alekseyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX,
No 3, 1958, pp 606-608.

Consultants Bureau

Sci - Geophys

96,579

Upper Cretaceous Rocks of Northwestern Kamchatka,
by M. A. Pergament, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX,
No 3, 1958, pp 609-612.

Consultants Bureau

Sci - Geophys

96,580

The Nature of the Rocks in the Bashkirian Series
in the Western Extension of the Donets Basin,
According to Foraminifers, by P. D. Potjevskaya,
M. V. Yartseva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 613-616.

Consultants Bureau

Sci - Geophys

96,581

The Jurassic Fore-Carpathian-Dobrogean Marginal
Depression, by V. I. Slavin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 617-.

Consultants Bureau

Sci - Geophys

96,582

The Conditions of Formation of Clay Minerals in
Jurassic Rocks of the Southeastern Caucasus, by
Ch. M. Khalifa-Zade, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 621-.

Consultants Bureau

Sci - Geophys

96,603

The Results of an Experimental Petrographic Survey
of the Present-Day Sands of the North-Western Pre-
Caspian From the Air, by N. A. Romanov, 7 pp.

No 3,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, 1958,
pp 626-628.

AME E-181

Sci - Geophysics

Brilliant Review

Feb 59

81.913

The Relationship Between Electrical Conductivity
and Pressure in the Constituents of the Suchan
Coal Beds, by S. A. Toporets, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 3,
1958, pp 629-.

Consultants Bureau

Sci - Geophys

96,606

Quartz-Pollan Spectra from the Quaternary and
Upper Pliocene Deposits of Western Turkmenia,
by E. A. Mal'gina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXX,
No 3, 1958, pp 633-636.

Assoc Tech Serv
01K28R

Sci - Geophysics
May 59
CXX, V I, No 6

86,341

Abnormal Fossils of Conifer Microspores, by A. A.
Chiguryayeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3, 1958
pp 641-643.

Assoc Tech Sr
27K27R

ATS - RJ - 1541

Sci - Biology
Apr 59
OTS V. I, No 5

85,921

The Nucleolar Apparatus in the Oogenesis of Cyclops,
by I. I. Kiknadze, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 644-646.

Amer Inst of Biol Sci

Sci - Med

96,969

Change Effected by Calcium Chloride in the Voltage-
Time Curve for an Isolated Muscle Fiber, by S. A.
Krolenko, 3 pp.

RUESIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 647-.

Amer Inst of Biol Sci

Sci - Med

96,970

The Effect of Proteinases on the Proteins of the
Spinal Cord Nerve Cells, by Li (hao-T'e, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol , CXX, No 3,
1958, pp 650-.

Amer Inst of Biol Sci

Sci - Med

97,006

The Nature of the First Generation Hybrid Spring,
Intermediate and Winter Varieties, of Plants, by
A. K. Fedorov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No ³ X,
1958, pp 654-656.

Amer Inst of Biol Sci

Sci-Med

96,985

Obtaining Fertile Interspecies Hybrids in Silkworms
of the Genus Antheraea, by V. G. Shakhbazov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 657-.

Amer Inst of Biol Sci

Sci - Med

96,986

Uptake and Loss of Calcium in First-Year Carp as a
Function of the Concentration of Calcium Salts in the
Surrounding Medium, by N. P. Budakov, 4 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol CXX, No 3,
1958, pp 661..

Amer Inst of Biol Sci

Sci - Med

96,973-

On the Interrelationship of Embryo and Endosperm
During the Early Formative Stages in Sesame
Seeds (Sesamum indicum L.). A. I. Ilyna, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No. 3,
1958, pp 665 --.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,045

Regeneration of the Ovary in the White Rats Following
the Ligation of its Neurovascular Bundle, by G. V.
Kharlova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 669-.

Amer Inst of Biol Sci

Sci - Med

96,982

Changes in the Permeability of the Blood-Brain Barrier
in Closed Head Injuries, by A. P. Dotsenko, 4 pp.

RUSSIAN, per, Dok. Ak. Nauk SSSR, Vol. CXX, No. 3,
1958, pp. 673-676.

Amer Inst of Biol Sci

Sci - Med

97,021

Experimental Data on the Existence and Significance
of a Physiologic Anticoagulant System (ACS) in the
Organism, by B. A. Medvedev, P. D. Ulitina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 3,
1958, pp 677-680.

OTST-65-20943
Amer Inst of Biol Sci

Sci - Med

97,022

An Algorithm for Construction the Chebyshev
Polynomial Approximation to a Continuous Function,
by G. I. Lukhovitskiy, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, 1958,
pp 693-696.

ADC 3488

Sci - Phys

Jan 59

Novy 2046/T-70
79,762

On the Stability of Elastic Plates in a Supersonic
Stream, by Dun Min-De, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
1958, pp 726-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,121

On the Propagation of Disturbances in Media Having
a Nonlinear Dependence of the Stresses on the
Strains and Temperature, by G. Ya. Galin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
1958, pp 730-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III No 4
3

Sci - Phys

Jul 59

92,118

Magnetic Dipole Fields in Planetary Nebulae, by
G. A. Gurzadyan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
1958, IF 734-.

Amer Inst of ~~Phys~~ ² Phys
Sov Phys - Doklady
Vol III, N^o 3

* HTIC F-TS-9795/III

Sci Phys

Jul 59

92,123

Analytic Properties of the ^Q Process Amplitude
for Variable Number of Particles, by A. A.
Logunov, A. N. Tavkhelidze, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
1958, pp 739-;

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

^Q
17 Jul 59

92,115

On the Results of a Determination of Electron
Concentration of the Outer Region of the Ionosphere
From Observations on the Radio Signals of the
First Earth Satellite, by Ya. L. Al'pert, F. F.
Dobryakova, E. F. Chudsenko, B. S. Shapiro.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
Jun 1958, pp 743-746.

AEC MP-154
IGY 32

Sci - Spac Res

Sep 58

73,922
applied Physics Lab TG-230
T-71

Equilibrium Ionization of Particles, by A. A.
Arshinov, A. K. Musin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
1958, pp 747-750.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,098

On the Possibility of Using an Electron Mirror
to Increase the Resolving Power of an Emission
Microscope, Yu. V. Vorobyev, 2 pp.

RUSSIAN, ^{per} Dok Ak Nauk SSSR, Vol CXX, No 4,
1958, pp 751-752.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,099

Temperature Dependence of the Coercive Force in
Thin Specimens of Nickel and Ferronickel Alloys,
by E. Kondorskiy, M. Rosenberg, 4 pr.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 4,
1958, pp 753-756.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,092

Brittle Fracture of Single Crystals of Zinc, by
V. I. Likhthman, L. A. Kochanova, L. S. Bryukhanova,
4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXX, No 5, 1958.
1958, pp 757-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,093

(2222-N)

The Calculation of a Turbulent Horizontal Diffusion
of Admixture Spots in a Sea, by R. V. Ozmidov, 6 pp.

RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol CXI,
No 4, 1958, pp 761-763.

JPRS 1-671-N

Sci - geophysics
Mar 59

CSIR 171

82,644